

CLAIMS

1. Nonwoven production machine comprising a spun-bond tower (1 to 4), depositing filaments (F) as a web (N) onto the upper run (5) of a first conveyor (6), characterized by a first means (7) for forwarding the web (N₁) from the first conveyor (6) to a first water-jet consolidation unit (7, 8) along a path having a direction other than that of the upper run (5) of the first conveyor (6) and provided, downstream in the direction of the upper run (5) of the first conveyor (6), are a calender (13) and, downstream of this calender (13), a means (14) for deflecting the calendered web (N₃, N₄) as required, either directly to an application unit (18 to 20) for applying a product to the web or indirectly, with interposition of a second consolidation unit (11, 12), to the unit (17) for applying a product to the web, and a second means (10) for forwarding the web (N₁) leaving the first consolidation unit (7) to the second consolidation unit (11, 12) is provided.

2. Machine according to Claim 1, characterized in that the first forwarding means comprises a drum.

3. Machine according to Claim 1 or 2, characterized in that the deflection means comprises a roll (14).

4. Machine according to one of Claims 1 to 3, characterized by an expressing means (15, 16) upstream of the application unit.

5. Machine according to Claim 4, characterized in that the expressing means comprises a third conveyor (15) and a device (16) for creating a vacuum.

6. Machine according to one of the preceding claims, characterized in that the application unit comprises a

station for applying a product, a drying station and a wind-up station.